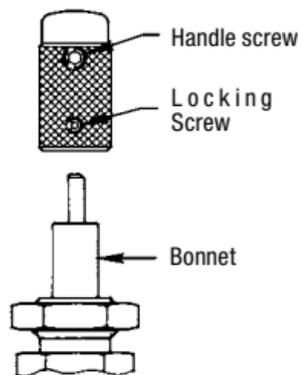
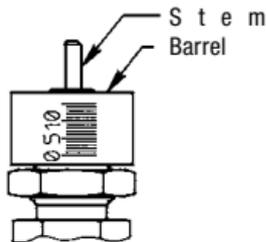


# ASSEMBLY INSTRUCTIONS – Vernier Handle Kit / “S,” & “M” Series Metering Valves

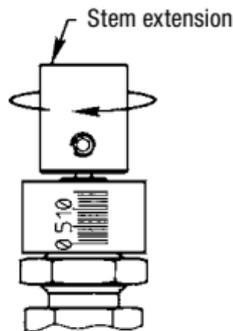
Hex Wrenches: “S” Series: 0.05”, 1/16” & 5/64”; “M” Series: 0.05”, & 5/64”



**STEP 1** Loosen **Locking Screw** (“S” & “M” Series only) and then loosen **Handle Screw**. Remove handle. Note: If panel mounting of valve is intended, mount valve before proceeding.



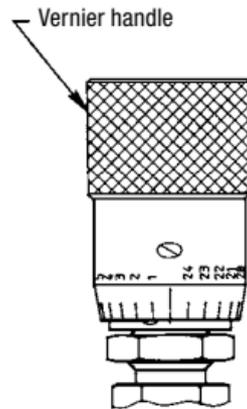
**STEP 2** Slide **Barrel** onto **Bonnet** until it bottoms against bonnet threads. Rotate **Barrel** so scale is legible. Tighten **Barrel Screw**.



**STEP 3** Place **Stem Extension** on **Stem** and tighten **Stem Extension Screw** gently. Adjust valve stem position slightly below your minimum flow requirement (“S” & “M” Series only).



**STEP 4** Loosen **Stem Extension Screw** and slide **Stem Extension** down against **Barrel** maintaining stem position. Retighten **Stem Extension Screw**. A positive handle stop is now set.



**STEP 5** Place **Vernier Handle** onto **Stem Extension** and align zero mark on the **Handle** with zero mark on **Barrel**. Tighten **Handle Screw**. Test valve for proper operation.

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These instructions are also available in French, German and Spanish.



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